

Checklist for K-Boat Inspections

This checklist is designed to be used by the owner or operator of a vessel of less than 100 gross tons that carries more than 150 passengers, or has overnight accommodations for more than 49 passengers to pre-inspect their vessel prior to arrival of a Coast Guard Marine Inspector.

This checklist is not all inclusive. Additional information regarding each item can be found by referencing the applicable regulation. The owner and operator of a vessel is responsible for being familiar with the regulations pertaining to that vessel. This checklist is meant to be used as a guide only, is not intended to be used as the sole reference for properly maintaining and operating a vessel.

Note: Vessels that carry more than 12 passengers on an international voyage, i.e. Mexico, must meet the requirements listed here in addition to applicable SOLAS regulations.

Inspection Item	Regulation
Documents and Administration	
___ Certificate of Documentation	46 CFR 67
___ Certificate of Inspection (COI)	46 CFR 115.100
___ Stability Letter	46 CFR 115.306
___ Master's License	46 CFR 122.402
___ FCC Radio's Operator's License	47 CFR 80.
___ FCC Station License/ Radio Telephony Safety Certificate	46 CFR 122.502
___ Oil Pollution Placard	33 CFR 155.450
___ Waste Management Plan	
<i>Required on vessels 40 feet in length or greater</i>	33 CFR 151.57
___ Emergency Instructions	46 CFR 122.510
___ Emergency Broadcast Placard	46 CFR 122.506
___ Compass Deviation Card	33 CFR 164.35(c)
___ Drug Testing Program	
<i>Must have proof of pre-testing for all crew members and random testing of at least 50% of the crew each year. Proper selection method for random tests.</i>	46 CFR 16.230
___ Abandon Ship and Man Overboard Drill:	
<i>Each member of the crew shall participate in the above drills at least once every month. The date of the drill, training, and a general description of the drill shall be logged.</i>	46 CFR 122.520
___ Fire Fighting Drill and Training:	
<i>A Fire drill shall be conducted and logged at least once every month.</i>	46 CFR 122.524
___ Current Charts of Operating Area, Coast Pilot, Light List, Local Notices to Mariners, Rules of the Road and Tide Tables	46 CFR 121.420
Lifesaving Equipment	
___ Lifejackets	
<i>Vessel name stenciled on jacket. Reflective tape on both sides of jacket. Lights on jackets for vessels with coastwise or oceans route (check battery expiration date). Stowage location correctly marked. Proper number as indicated on COI .</i>	46 CFR 117.71
___ Lifefloat/Buoyant Apparatus	
<i>Ensure weak link is of correct breaking strength. Vessel name stenciled on craft.</i>	46 CFR 117.200
___ Ring Buoy	
<i>At least one ring must be fitted with a lifeline and waterlight (check battery expiration date).</i>	46 CFR 117.70

___ Distress Signals <i>Correct number for route. Stored appropriately.</i>	46 CFR 117.68
___ EPIRB <i>Route beyond 3 miles - 406 MHz installed to automatically float free and activate.</i>	46 CFR 117.64
Navigation and Radio Equipment	
___ Navigation Lights	46 CFR 120.420
___ Navigation / Radio Equipment <i>Conduct operational tests of the following equipment</i> <div> <div>-Radios</div> <div>-Compass</div> <div>-Radar</div> <div>-Bell</div> <div>-Fathometer</div> <div>-Horn</div> <div>-LORAN/GPS</div> <div>-Required Day Shapes</div> </div>	46 CFR 122.320
___ Emergency Broadcast Placard: <i>A durable placard must be posted next to all radiotelephone installations with the emergency broadcast instructions and information, specific to the individual vessel.</i>	46 CFR 121.506
Firefighting Equipment	
___ Portable Fire Extinguishers <i>Properly maintained and stored.</i>	46 CFR 118.500
___ Fixed Fire Extinguisher System <i>Serviced annually.</i> <i>(Vessels with wood or FRP hulls must have fixed firefighting by March 11, 1999).</i>	46 CFR 118.400-425
___ Fire Main System <i>Check condition of pumps, hoses, nozzles, and piping system.</i>	46 CFR 118.300-320
___ Additional Equipment <i>Fire axe for vessels over 65 feet.</i>	46 CFR 118.600
Construction and Arrangement	
___ Structural Fire Protection <i>Repairs and Alterations completed IAW CG Approved plans.</i>	46 CFR 116.400-440
___ Escape and Embarkation Station Requirements <i>Means of escape properly marked.</i> <i>Fire Control Plan posted.</i>	46 CFR 116.500-530
Engine Room Inspection	
___ Emergency Fuel Shutoffs <i>Properly labeled. Test for proper operation.</i>	46 CFR 119.455
___ Batteries <i>Mounted correctly, properly ventilated. proper type connections.</i>	46 CFR 120.350-354
___ Machinery Installations <i>Refer to subchapters F and J of this chapter.</i>	46 CFR 119.220
___ Pressure Vessels <i>Test pressure relief valves. Open for internal inspection or hydro test to 1.25 of MAWP once every 3 years.</i>	46 CFR 119.330 46 CFR 115.812
___ Electrical Installations <i>Proper connections, cable runs supported, new installations approved.</i> <i>Refer to subchapter J of this chapter.</i>	46 CFR 120.200-340
___ Steering Gear <i>General condition, auxiliary means of steering. Test for proper operation.</i> <i>Rudder Angle Indicator System</i> <i>Steering Failure Alarm System</i>	46 CFR 119.600 46 CFR 58.25 46 CFR 113.40 46 CFR 113.43

___ General and Specific Requirements <i>Ventilation, machinery guarding, no fuel, oil, or water leaks.</i>	46 CFR 119.410-430
Interior Inspection	
___ Condition of bilges and bilge piping system <i>Test for proper operation.</i>	46 CFR 119.500-540
___ Marine Sanitation Device <i>Overboard discharge valve locked</i>	33 CFR 159
___ Below Deck Passenger Spaces <i>Emergency lighting.</i>	46 CFR 120.432
___ Passenger Safety Bill <i>Posted in each passenger cabin.</i>	46 CFR 122.515
___ Structural Integrity <i>Condition of frames, longitudinals, hull plating, etc. No dryrot in wood, de-lamination in FRP, or excessive pitting in aluminum or steel.</i>	
Exterior Inspection	
___ Watertight hatches and doors <i>A hatch cover must be attached to hatch frame or coaming by hinges or captive chain. Gasket and securing mechanism in good condition.</i>	46 CFR 116.1160
___ Windows <i>Must be weather tight with no cracks or holes, and made of shatter proof material.</i>	46 CFR 116.1010-1030
___ Fuel Tank Vents <i>30x30 mesh screen installed.</i>	46 CFR 119.450
___ Load Lines VsIs = 79ft or more constructed on or after July 21,1968 on an international voyage is subject to the load line requirements of subchapter E.	46 CFR 114.122
Drydock Inspection	
46 CFR 115-.600-670	
___ Ensure Hull exterior is clean, but not freshly painted. ___ Open all interior spaces and ventilate. ___ Ensure bilges are clean and dry. ___ All through hull valves must be opened. ___ Remove all screens/strainers from exterior of hull. ___ For wood vessels over 10 years old, be prepared to pull fasteners every 5 years. Be prepared to pull a keel bolt when vessel reaches 20 years old and then every 10 years thereafter. ___ Wood and FRP vessels over 15 years old will be required to have vessel inspected while underway prior to carrying passengers.	